

Project Title: Selective Ah Receptor Ligands Repress Acute-Phase Response

PI: Perdew, Gary H.

Institution: Pennsylvania State University-Univ Park

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Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
A Structural Switch between Agonist and Antagonist Bound Conformations for a Ligand-Optimized Model ...	Perkins, Arden; Phillips, Jessica L; Kerkvliet, Nancy I; Tanguay, Robert L; Perdew, Gary H; Kolluri, Siva K; Bisson, William H	Biology (Basel) (2014)	3 / 645-69	PubMed Citation
Adaptation of the human aryl hydrocarbon receptor to sense microbiota-derived indoles.	Hubbard, Troy D; Murray, Iain A; Bisson, William H; Lahoti, Tejas S; Gowda, Krishne; Amin, Shantu G; Patterson, Andrew D; Perdew, Gary H	Sci Rep (2015)	5 / 12689	PubMed Citation
Ah receptor antagonism represses head and neck tumor cell aggressive phenotype.	DiNatale, Brett C; Smith, Kayla; John, Kaarthik; Krishnegowda, Gowdahalli; Amin, Shantu G; Perdew, Gary H	Mol Cancer Res (2012 Oct)	10 / 1369-79	PubMed Citation
Aryl hydrocarbon receptor antagonism attenuates growth factor expression, proliferation, and migrati ...	Lahoti, Tejas S; Hughes, Jarod M; Kusnadi, Ann; John, Kaarthik; Zhu, Bokai; Murray, Iain A; Gowda, Krishne; Peters, Jeffrey M; Amin, Shantu G; Perdew, Gary H	J Pharmacol Exp Ther (2014 Feb)	348 / 236-45	PubMed Citation
Aryl hydrocarbon receptor antagonism mitigates cytokine-mediated inflammatory signalling in primary ...	Lahoti, Tejas S; John, Kaarthik; Hughes, Jarod M; Kusnadi, Ann; Murray, Iain A; Krishnegowda, Gowdahalli; Amin, Shantu; Perdew, Gary H	Ann Rheum Dis (2013 Oct)	72 / 1708-16	PubMed Citation
Aryl hydrocarbon receptor ligands in cancer: friend and foe.	Murray, Iain A; Patterson, Andrew D; Perdew, Gary H	Nat Rev Cancer (2014 Dec)	14 / 801-14	PubMed Citation

Differential regulation of Th17 and T regulatory cell differentiation by aryl hydrocarbon receptor d ...	Mohinta, Sonia; Kannan, Arun K; Gowda, Krishne; Amin, Shantu G; Perdew, Gary H; August, Avery	Toxicol Sci (2015 Jun)	145 / 233-43	PubMed Citat
Divergent Ah Receptor Ligand Selectivity during Hominin Evolution.	Hubbard, Troy D; Murray, Iain A; Bisson, William H; Sullivan, Alexis P; Sebastian, Aswathy; Perry, George H; Jablonski, Nina G; Perdew, Gary H	Mol Biol Evol (2016 Oct)	33 / 2648-58	PubMed Citat
Expression of the aryl hydrocarbon receptor contributes to the establishment of intestinal microbial ...	Murray, Iain A; Nichols, Robert G; Zhang, Limin; Patterson, Andrew D; Perdew, Gary H	Sci Rep (2016 Sep 23)	6 / 33969	PubMed Citat
Genetic and pharmacological analysis identifies a physiological role for the AHR in epidermal differ ...	van den Bogaard, Ellen H; Podolsky, Michael A; Smits, Jos P; Cui, Xiao; John, Christian; Gowda, Krishne; Desai, Dhimant; Amin, Shantu G; Schalkwijk, Joost; Perdew, Gary H; Glick, Adam B	J Invest Dermatol (2015 May)	135 / 1320-8	PubMed Citat
Hepatic Aryl Hydrocarbon Receptor Attenuates Fibroblast Growth Factor 21 Expression.	Girer, Nathaniel G; Murray, Iain A; Omiecinski, Curtis J; Perdew, Gary H	J Biol Chem (2016 Jul 15)	291 / 15378-87	PubMed Citat
In vivo effects of the pure aryl hydrocarbon receptor antagonist GNF-351 after oral administration a ...	Fang, Zhong-Ze; Krausz, Kristopher W; Nagaoka, Kenjiro; Tanaka, Naoki; Gowda, Krishne; Amin, Shantu G; Perdew, Gary H; Gonzalez, Frank J	Br J Pharmacol (2014 Apr)	171 / 1735-46	PubMed Citat
Indole and Tryptophan Metabolism: Endogenous and Dietary Routes to Ah Receptor Activation.	Hubbard, Troy D; Murray, Iain A; Perdew, Gary H	Drug Metab Dispos (2015 Oct)	43 / 1522-35	PubMed Citat
Metabolomics Reveals that Aryl Hydrocarbon Receptor Activation by Environmental Chemicals Induces Sy ...	Zhang, Limin; Hatzakis, Emmanuel; Nichols, Robert G; Hao, Ruixin; Correll, Jared; Smith, Philip B; Chiaro, Christopher R; Perdew, Gary H; Patterson, Andrew D	Environ Sci Technol (2015 Jul 7)	49 / 8067-77	PubMed Citat

Modulation of aryl hydrocarbon receptor (AHR)-dependent signaling by peroxisome proliferator-activat ...	Borland, Michael G; Krishnan, Prasad; Lee, Christina; Albrecht, Prajakta P; Shan, Weiwei; Bility, Moses T; Marcus, Craig B; Lin, Jyh M; Amin, Shantu; Gonzalez, Frank J; Perdew, Gary H; Peters, Jeffrey M	Carcinogenesis (2014 Jul)	35 / 1602-12	PubMed Citat
Persistent Organic Pollutants Modify Gut Microbiota-Host Metabolic Homeostasis in Mice Through Aryl ...	Zhang, Limin; Nichols, Robert G; Correll, Jared; Murray, Iain A; Tanaka, Naoki; Smith, Philip B; Hubbard, Troy D; Sebastian, Aswathy; Albert, Istvan; Hatzakis, Emmanuel; Gonzalez, Frank J; Perdew, Gary H; Patterson, Andrew D	Environ Health Perspect (2015 Jul)	123 / 679-88	PubMed Citat
Role of the Ah receptor in homeostatic control of fatty acid synthesis in the liver.	Tanos, Rachel; Murray, Iain A; Smith, Philip B; Patterson, Andrew; Perdew, Gary H	Toxicol Sci (2012 Oct)	129 / 372-9	PubMed Citat
Selective aryl hydrocarbon receptor modulator-mediated repression of CD55 expression induced by cyto ...	Narayanan, Gitanjali A; Murray, Iain A; Krishnegowda, Gowdahalli; Amin, Shantu; Perdew, Gary H	J Pharmacol Exp Ther (2012 Aug)	342 / 345-55	PubMed Citat
Selective programming of CCR10(+) innate lymphoid cells in skin-draining lymph nodes for cutaneous h ...	Yang, Jie; Hu, Shaomin; Zhao, Luming; Kaplan, Daniel H; Perdew, Gary H; Xiong, Na	Nat Immunol (2016 Jan)	17 / 48-56	PubMed Citat
The Ah receptor regulates growth factor expression in head and neck squamous cell carcinoma cell lin ...	John, Kaarthik; Lahoti, Tejas S; Wagner, Kelly; Hughes, Jarod M; Perdew, Gary H	Mol Carcinog (2014 Oct)	53 / 765-76	PubMed Citat